NAME OF WORK: Construction of RCC culverts & remodeling of U Shape drain for secondary SWD S Ramesh road to Urdu school in Dasarahalli Ward No.15

DRAFT TENDER SCHEDULE

Sl. NO	DESCRRIPTION OF ITEM	UNIT	QTTY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
1	***Dismantling of existing structures like culverts, bridges, retaining walls and other structure*** *comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable*	Cum	368.00	250.56	Rupees Two Hundred Fifty and Fifty Six Paise Only	92206.00
2	Excavation of removal of silt mixed with sand, human excreta, garbage in slussy condition from Storm water drain in Bangalore City including disposing off the same as directed including cost of machinery labour, fuel etc., (By Manual	Cum	423.00	607.41	Rupees Six Hundred Seven and Forty One Paise Only	256934.00
3	**Diversion of water course by providing coffer dams or bunds or islands** as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc... complete beyond 1.50m depth upto & including 3m depth with all leads and lifts as directed by the Engineer in charge of the work.	Cum	96.60	346.68	Rupees Three Hundred Forty Six and Sixty Eight Paise Only	33489.00
4	**Excavation in marshy soil** upto 3m depth for foundation of structures as per drawing and technical specifications, removing the excavated stuf to a lead of 15m, including dewatering, shoring, refilling trenches in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. V. **Marshy Soil - B Mechanical means as directed by the Engineer in charge of the work.**	Cum	172.22	113.40	Rupees One Hundred Thirteen and Forty Paise Only	19530.00
5	KSRRB M2100-2.1 Earth work in **excavation for foundation** of structures such as culverts, bridges etc., as per drawing and technical specifications,including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications **in Ordinary soil - B. Machanical Means** (i) Depth upto 3m MORTH Specification No. 304 as directed by the Engineer in charge of the work.	Cum	401.86	51.84	Rupees Fifty One and Eighty Four Paise Only	20832.00

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SI. NO	DESCRRIPTION OF ITEM	UNIT	QTTY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
6	*KSSRB M2100-5.1 Earth work Excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications as per MORTH specification No.304 . in Marshy soil upto 3m depth(By manual means)*	Cum	325.07	428.76	Rupees Four Hundred Twenty Eight and Seventy Six Paise Only	139378.00
7	KSSRB M2100-1.1 Earth work in Excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per MORTH specification No.304 B. **in Ordinary soil upto 3m depth(By manual means)** as directed by the Engineer in charge of the work.	Cum	773.71	125.28	Rupees One Hundred Twenty Five and Twenty Eight Paise Only	96931.00
8	Providing and **filling in foundation with Granite/trap broken metal** 100mm and down size, with approved sand including hand packing, ramming,watering, including cost of all materials and labour with all lead and lift.complete as per specifications with all leads and lifts as directed by the Engineer in charge of	Cum	119.01	2133.78	Rupees Two Thousand One Hundred Thirty Three and Seventy Eight Paise Only	253941.00
9	KSRB 2.8 : Providing and **Filling in foundation with granite l trap broken metal 100mm** (available boulders obtained from dismantaling of masonary including charges for breaking into pieces) and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.specification. No. KBS with all leads and lifts as directed by the Engineer in charge of the work.	Cum	220.80	1418.28	Rupees One Thousand Four Hundred Eighteen and Twenty Eight Paise Only	313156.00
10	KSRRB M2100-10 - **Plain Cement Concrete M10** with OPC cement @ 220 kgs, with crushed 40mm and down size graded metal coarse aggregates @0.84 Cum and fine aggregates @ 0.56Cum, in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days	Cum	161.33	5805.00	Rupees Five Thousand Eight Hundred Five Only	936521.00
11	KSRRB M 2100-17.2 : **Plain/reinforcement Cement Concrete design mix M25** with OPC cement @340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70Cum and fine aggregates @0.47Cum with	Cum	351.54	6237.00	Rupees Six Thousand Two Hundred Thirty Seven Only	2192555.00

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Sl. NO	DESCRRIPTION OF ITEM	UNIT	QTTY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
12	K$RRB M 2200-5.12 : **Design mix M25 sub structure** with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7Cum and fine aggregates @0.47Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 mtrs. Upto 5 Mtrs height	Cum	145.53	7002.72	Rupees Seven Thousand Two and Seventy Two Paise Only	1019106.00
13	KSRRB M2300-4.1 Furnishing and placing reinforced/ prestressed Cement Concrete in **Superstructure** as per drawing and Technical Specification complete as per specification RCC with OPC cement design mix M-25 @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47cum, with superplastisisers @3lts	Cum	1.05	7167.96	Rupees Seven Thousand One Hundred Sixty Seven and Ninety Six Paise Only	7526.00
14	Supplying,fitting and placing **TMT bar reinforcement in sub-structure** complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 with all leads and lifts as directed by the	MT	44.74	53549.64	Rupees Fifty Three Thousand Five Hundred Forty Nine and Sixty Four Paise Only	2395613.00
15	Supplying,fitting and placing TMT bar reinforcement in super-structure complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 with all leads and lifts as directed by the Engineer in charge of the work.	MT	0.12	54425.52	Rupees Fifty Four Thousand Four Hundred Twenty Five and Fifty Two Paise Only	6286.00
16	PVC pipes 2.50kg/sqm 110mm outerdia with all leads and lifts as directed by the Engineer in charge of the work.	Rmt	139.80	177.00	Rupees One Hundred Seventy Seven Only	24745.00
17	KSRRB M2200.9. Providing and laying of **Filter media with granular** materials/stone crushed aggregates satisfying the requirements laid down in clause 2500.4.2.2 of MORTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification complete as per specifications with all lead and lifts, etc., after breaking of clods complete as per specifications and as per direction of Engineer in-charge.page no 229/28.13 with all leads and lifts as directed by the Engineer in charge of the work.	Cum	207.90	1297.08	Rupees One Thousand Two Hundred Ninety Seven and Eight Paise Only	269663.00

Executive Engineer
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Sl. NO	DESCRRIPTION OF ITEM	UNIT	QTTY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
18	*Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications with all leads and lifts as directed by the Engineer in charge of the work.*	Cum	207.90	127.20	Rupees One Hundred Twenty Seven and Twenty Paise Only	26445.00
19	KSRRB M100-1 Collecting, Conveying and disposal of surplus/excavated earth including Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum **to designated dumping site** with all leads and lifts as directed by the Engineer in charge of the work.	Cum	1612.17	103.85	Rupees One Hundred Three and Eighty Five Paise Only	167423.00
20	KSRB 4-1.5 : Providing and laying in position plain **Cement concrete of mix M20** with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1,4.2 with all leads and lifts as directed by the Engineer in charge of the work.	Cum	12.15	5991.84	Rupees Five Thousand Nine Hundred Ninety One and Eighty Four Paise Only	72801.00
21	Supplying and fixing MS. Rectangular poles made out of 2 equal angles of 65x65~6m m welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 crns. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lift and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting. (excluding cost of earth work and concrete).	Rmt	300.00	991.44	Rupees Nine Hundred Ninety One and Forty Four Paise Only	297432.00
22	Providing and fixing **MS block pipe of 38mm dia** of heavy guage of 14 including removing the bends, cutting the pipes and fixing pipe in between the two vertical poles (M.S rectangular poles) and spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting and scaffolding wherever necessary with all lead and lift as directed by the engineer in charge of work etc, complete including two coats of approved quality paint over one coat of shop paint	Rmt	1500.00	338.04	Rupees Three Hundred Thirty Eight and Four Paise Only	507060.00

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Sl. NO	DESCRRIPTION OF ITEM	UNIT	QTTY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
23	Providing **chain link fencing** 50 mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint	Sqm	750.00	697.68	Rupees Six Hundred Ninety Seven and Sixty Eight Paise Only	523260.00
24	Providing and **fixing 50mm diameter and 750mm long perforated GI pressure relief pipe** with one end closed by perforated GL plate and other end provided with alluminium lid hinged to pipe including cost of all materials,labour, drilling 8mm dia holes etc., complete with all leads and lifts as directed by the Engineer in charge of the work.	Nos	15.00	407.00	Rupees Four Hundred Seven Only	6105.00
25	WRD: Providing and fixing 20mm thick 150mm depth tarfelt expasion joint filler board for cement concrete lining of canal including cost of all materils, labour etc,. Complete with all leads and lifts as directed by the Engineer in charge of the work.	Rmt	237.00	123.00	Rupees One Hundred Twenty Three Only	29151.00

"DTS APPROVED"

No of Corrections - NIL

Executive Engineer
Storm Water Drain Division
Dasarahalli Zone BBMP Bangalore

Chief Engineer
Storm Water Drain
Bruhath Bangalore Mahanagara Palike
BANGALORE.

Contractor

Executive Engineer
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